

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10/786,839
Filing Date	02/25/2004
First Named Inventor	Tayebati et al.
Art Unit	2828
Examiner Name	Tod Thomas Van Roy
Attorney Docket Number	15436.1248.3.1

U.S. PATENTS

Examiner Initials*	Cite No.	Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/T.V.R./	1	3,324,295	06/06/1967	Harris	
	2	3,999,105	12/21/1976	Archey et al.	
	3	4,038,600	07/26/1977	Thomas et al.	
	4	4,561,119	12/24/1985	Epworth	
	5	4,805,235	02/14/1989	Henmi	
	6	4,841,519	06/20/1989	Nishio	
	7	5,293,545	03/08/1994	Huber	
	8	5,371,625	12/06/1994	Wedding et al.	
	9	5,412,474	05/02/1995	Reasenberget al.	
	10	5,416,629	05/16/1995	Huber	
	11	5,465,264	11/07/1995	Buhler et al.	
	12	5,477,368	12/19/1995	Eskildsen et al.	
	13	5,550,667	08/27/1996	Krimmel et al.	
	14	5,737,104	04/07/1998	Lee et al.	
	15	5,777,773	07/07/1998	Epworth et al.	
	16	5,805,235	09/08/1998	Bedard	
	17	5,856,980	01/05/1999	Doyle et al.	
	18	5,920,416	07/06/1999	Beylat et al.	
	19	5,953,139	09/14/1999	Nemecek et al.	
	20	5,974,209	10/26/1999	Cho et al.	
	21	6,081,361	06/27/2000	Adams et al.	
	22	6,096,496	08/01/2000	Frankel	
	23	6,104,851	08/15/2000	Mahgerefteh	
	24	6,115,403	11/05/2000	Brenner et al.	
	25	6,222,861	05/24/2001	Kuo et al.	
	26	6,271,959	08/07/2001	Kim et al.	
	27	6,298,186	10/02/2001	He	
	28	6,331,991	12/18/2001	Mahgerefteh	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V.R.

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/T.V.R./	29	6,359,716	03/19/2002	Taylor	
	30	6,473,214	10/29/2002	Roberts et al.	
	31	6,506,342	01/14/2003	Frankel	
	32	6,577,013	06/10/2003	Glenn et al.	
	33	6,618,513	09/09/2003	Evankow, Jr.	
	34	6,654,564	11/25/2003	Colbourne et al.	
	35	6,665,351	12/16/2003	Hedberg et al.	
	36	6,748,133	06/08/2004	Liu et al	
	37	6,778,307	08/17/2004	Clark	
	38	6,847,758	01/25/2005	Watanabe	
	39	6,947,206	09/20/2005	Tsadka et al.	
	40	6,963,685	11/08/2005	Mahgerefteh et al.	
	41	7,013,090	03/14/2006	Adachi et al.	
	42	7,054,538	05/30/2006	Mahgerefteh et al.	
	43	7076170	07/11/2006	Choa	
	44	7,123,846	10/17/2006	Tateyama et al.	
	45	7,263,291	08/28/2007	Mahgerefteh et al.	
	46	7,280,721	10/09/2007	McCallion et al.	

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initials*	Cite No.	Publication Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/T.V.R./	1	2002/0154372 A1	10/24/2002	Chung et al.	
	2	2002/0159490 A1	10/31/2002	Karwacki	
	3	2002/0176659 A1	11/28/2002	Lei et al.	
	4	2003/0002120	01/2003	Choa	
	5	2003/0067952 A1	04/10/2003	Tsukiji et al.	
	6	2003/0099018 A1	05/29/2003	Singh et al.	
	7	2003/0147114 A1	08/07/2003	Kang et al.	
	8	2004/0008933 A1	01/15/2004	Mahgerefteh et al.	
	9	2004/0008937 A1	01/15/2004	Mahgerefteh et al.	
	10	2004/0036943 A1	02/26/2004	Kim et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V.R.

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/T.V.R./	11	2004/0096221 A1	05/20/2004	Mahgerefteh et al.	
	12	2004/0218890 A1	11/04/2004	Mahgerefteh et al.	
	13	2005/0100345 A1	05/12/2005	Welch et al.	
	14	2005/0111852 A1	05/26/2005	Mahgerefteh et al.	
	15	2005/0175356 A1	08/11/2005	McCallion et al.	
	16	2005/0206989 A1	11/22/2005	Marsh	
	17	2005/0271394 A1	12/08/2005	Whiteaway et al.	
	18	2005/0286829 A1	12/29/2005	Mahgerefteh et al.	
	19	2006/0002718 A1	01/05/2006	Matsui et al.	
	20	2006/0018666 A1	01/26/2006	Matsui et al.	
	21	2006/0029358 A1	02/09/2006	Mahgerefteh et al.	
	22	2006/0029396 A1	02/09/2006	Mahgerefteh et al.	
	23	2006/0029397 A1	02/09/2006	Mahgerefteh et al.	
	24	2006/0228120 A9	10/12/2006	McCallion et al.	
	25	2006/0233556 A1	10/19/2006	Mahgerefteh et al.	
	26	2006/0233556 A1	10/19/2006	Mahgerefteh et al.	
	27	2006/0274993 A1	12/07/2006	Mahgerefteh et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Country Code	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
/T.V.R./	1	9905804	WO	02/04/1999	CIENA Corp.		<input type="checkbox"/>
	2	0104999	WO	01/18/2001	Cyoptics Ltd.		<input type="checkbox"/>
	3	03005512	WO	07/03/2002	New Focus, Inc.		<input type="checkbox"/>
	4	2 107 147	GB	4/20/1983	Standard Telephones and Cables		<input type="checkbox"/>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V.R.

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹
/T.V.R./	1	Alexander et al., Passive Equalization of Semiconductor Diode Laser Frequency Modulation, Journal of Lightwave Technology, January 1989, 11-23, Vol. 7, No. 1.	<input type="checkbox"/>
	2	Binder, J. et al., 10 Gbit/s-Dispersion Optimized Transmission at 1.55 um Wavelength on Standard Single Mode Fiber, IEEE Photonics Technology Letters, April 1994, 558-560, Vol. 6, No. 4.	<input type="checkbox"/>
	3	Corvini, P.J. et al., Computer Simulation of High-Bit-Rate Optical Fiber Transmission Using Single-Frequency Lasers, Journal of Lightwave Technology, November 1987, 1591-1596, Vol. LT-5, No. 11.	
	4	Hyryniewicz, J.V., et al., Higher Order Filter Response in Coupled MicroRing Resonators, IEEE Photonics Technology Letters, March 2000, 320-322, Vol. 12, No. 3.	<input type="checkbox"/>
	5	Koch, T. L. et al., Nature of Wavelength Chirping in Directly Modulated Semiconductor Lasers, Electronics Letters, 6th December 1984, 1038-1039, Vol. 20, No. 25/26.	
	6	Kurtzke, C., et al., Impact of Residual Amplitude Modulation on the Performance of Dispersion-Supported and Dispersion-Mediated Nonlinearity-Enhanced Transmission, Electronics Letters, June 9, 1994, 988, Vol. 30, No. 12.	
	7	Lee, Chang-Hee et al., Transmission of Directly Modulated 2.5-Gb/s Signals Over 250-km of Nondispersion-Shifted Fiber by Using a Spectral Filtering Method, IEEE Photonics Technology Letters, December 1996, 1725-1727, Vol. 8, No. 12.	
	8	Li, Yuan P., et al., Chapter 8: Silicon Optical Bench Waveguide Technology, Optical Fiber Communications, 1997, 319-370, Volume 111B, Lucent Technologies, New York.	
	9	Little, Brent E., Advances in MicroRing Resonators, Integrated Photonics Research Conference 2003.	
	10	Mohrdiek, S. et al., 10-Gb/s Standard Fiber Transmission Using Directly Modulated 1.55-um Quantum-Well DFB Lasers, IEEE Photonics Technology Letters, November 1995, 1357-1359, Vol. 7, No. 11.	
	11	Morton, P.A. et al., "38.5km error free transmission at 10Gbit/s in standard fibre using a low chirp, spectrally filtered, directly modulated 1.55um DFB laser", Electronics Letters, 13 Feb 1997, Vol. 33(4).	
	12	Prokais, John G., Digital Communications, 2001, 202-207, Fourth Edition, McGraw Hill, New York.	
	13	Rasmussen, C.J., et al., Optimum Amplitude and Frequency-Modulation in an Optical Communication System Based on Dispersion Supported Transmission, Electronics Letters, April 27, 1995, 746, Vol. 31, No. 9.	
	14	Shalom, Hamutal et al., On the Various Time Constants of Wavelength Changes of a DFB Laser Under Direct Modulation, IEEE Journal of Quantum Electronics, October 1998, pp 1816-1822, Vol. 34, No. 10.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /T.V.R.

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/T.V.R./ 	15	Wedding, B., Analysis of fibre transfer function and determination of receiver frequency response for dispersion supported transmission, Electronics Letters, Jan. 6, 1994, 58-59, Vol. 30, No. 1.	
	16	Wedding, B., et al., 10-Gb/s Optical Transmission up to 253 km Via Standard Single-Mode Fiber Using the Method of Dispersion-Supported Transmission, Journal of Lightwave Technology, October 1994, 1720, Vol. 12, No. 10.	
	17	Yu, et al., Optimization of the Frequency Response of a Semiconductor Optical Amplifier Wavelength Converter Using a Fiber Bragg Grating, Journal of Lightwave Technology, February 1999, 308-315, Vol. 17, No. 2.	

EXAMINER SIGNATURE			
Examiner Signature	/Tod Van Roy/ (06/23/2008)	Date Considered	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			
¹ Applicant is to place a check mark here if English language translation is attached.			

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